



OLIFF & BERRIDGE, P.L.C.
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400
Facsimile: (703) 836-2787

PATENT APPLICATION

Attorney Docket No.: 102392.01

2823#
#8/B
7/10/02
FJONES

AMENDMENT TRANSMITTAL

In re the Application of

Koji MATSUKUMA

Application No.: 09/921,560

Filed: August 6, 2001

For: ETCHING MASK AND MAGNETIC HEAD DEVICE

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- ☐ Entitlement to small entity status is hereby asserted.
☐ Small entity status of this application has been established.

The filing fee has been calculated as shown below:

	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA
TOTAL CLAIMS	*11 MINUS	**20	=0
INDEP CLAIMS	*6 MINUS	***4	=2
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			

SMALL
ENTITY

RATE	ADD'L FEE
x 9	\$
x 42	\$
+ 140	\$
	\$

OTHER THAN A
SMALL ENTITY

OR

RATE	ADD'L FEE
x 18	\$ ----
x 84	\$ 168
+ 280	\$ ----
	\$ 168

OR

- * If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

- ☒ Check No. 131832 in the amount of \$168.00 is attached. The Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Hrayr A. Sayadian
Registration No. 46,491

JAO:HAS/sdk

Date: June 20, 2002



#8/B
7-10-02
Pacheco
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Koji MATSUKUMA

Application No.: 09/921,560

Filed: August 6, 2001

For: ETCHING MASK AND MAGNETIC HEAD DEVICE

Group Art Unit: 2823

Examiner: D. Collins

Docket No.: 102392.01

RECEIVED
JUL -8 2002
TECHNOLOGY CENTER 2800

AMENDMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

RECEIVED
JUL 05 2002
GROUP 3600

Sir:

In reply to the Office Action mailed March 28, 2002, and further to the personal interview conducted on May 28, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 27, 28 and 30 as follows:

B
27. (Amended) An etching mask for selectively etching a workpiece, wherein the etching mask is made of a metal and has a cross-sectional shape comprising a rectangular first region that determines a pattern width of the workpiece, and a second region that contacts the first region and intercepts application of etching beams to a sidewall of the first region during etching.

28. (Amended) An etching mask for selectively etching a workpiece, wherein the etching mask is made of a metal and has a cross-sectional shape comprising a rectangular first region that determines a pattern width of the workpiece, and a second region that intercepts